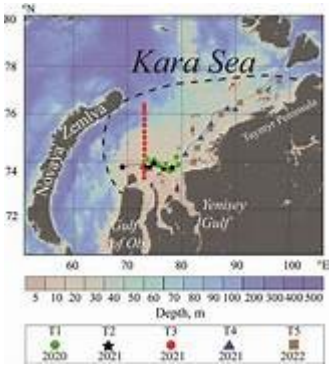
Ryan Padraig Kelly Kara Sea

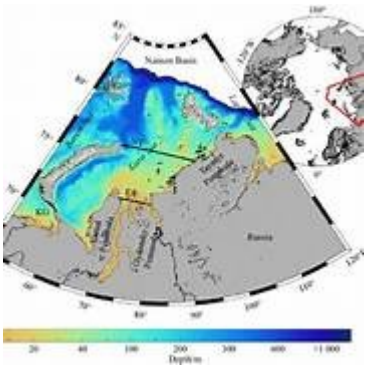


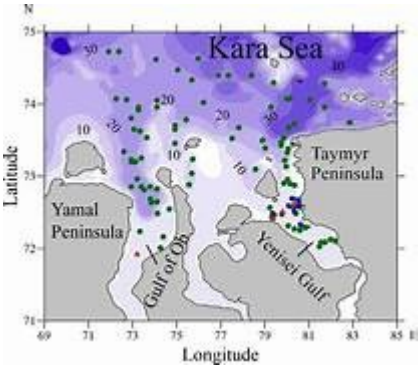
Kara Sea
Kara Sea

Iceland
Green land
USA
Arctic Ocean
Norway
Russia
Kara Sea
Taimyr Peninsula
Yamal Peninsula
Gydan Peninsula

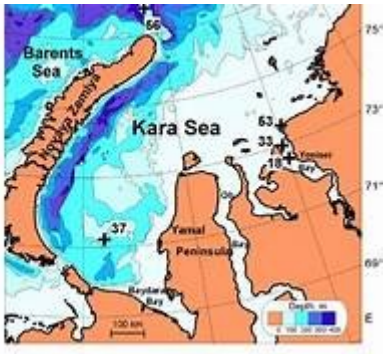
KARA SEA LME
6
PAME

KARA SEA
Arctic Ocean
KARA SEA
Russia
SIBERIA
Taymyr Peninsula
Okean
Ust'-Port
Norilsk
Vorkuta
Salekhard
Russia
Arctic Circle
250 m
250 km
WorldAtlas.com




Kara Sea
Taymyr Peninsula
Yamal Peninsula
Gulf of Ob
Yenisei Gulf
Latitude
Longitude

Arctic Ocean
Greenland Sea
Barents Sea
Norwegian Sea
North Sea
Kara Sea
SWEDEN
FINLAND
NORWAY
RUSSIA
Archangelsk
St. Petersburg
Murmansk
Moscow

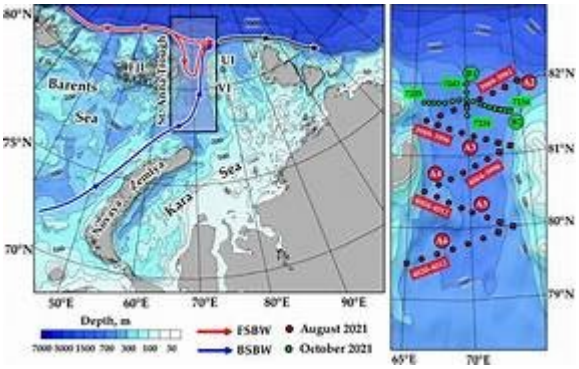

Barents Sea
Novaya Zemlya
Kara Sea
Yamal Peninsula
66
63
33
18
37

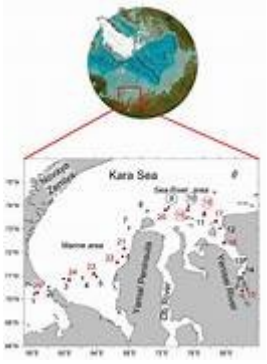
Kara Sea
Barents Sea

WorldAtlas
ARCTIC OCEAN
Barents Sea
Kara Sea
Novaya Zemlya

Kara Sea

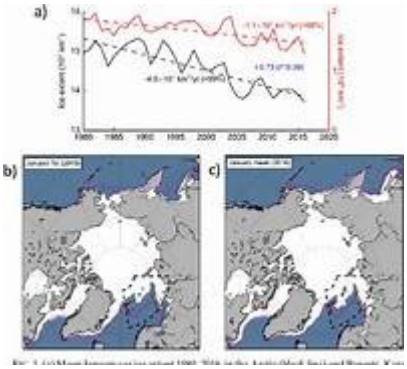
Arctic Ocean
Kara Sea

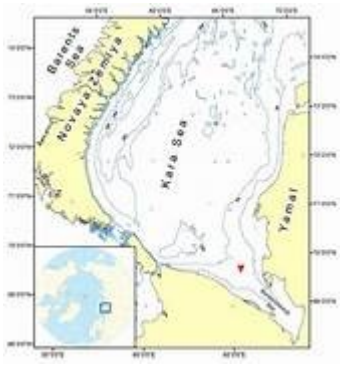

Barents Sea
Novaya Zemlya
Kara Sea
50°E
60°E
70°E
80°E
90°E
80°N
75°N
70°N
Depth, m
7000 3000 1500 700 300 100 50
ESBW
BSBW
August 2021
October 2021
82°N
81°N
80°N
79°N
65°E
70°E


Kara Sea
Novaya Zemlya
Marine area
Yamal Peninsula
Ob River
Yenisei River

Kara Sea

ARCTIC OCEAN
SVALBARD
(NORWAY)
Franz Josef Land
(RUSSIA)
GREENLAND
(DENMARK)
Novaya Zemlya
NORWEGIAN SEA
ICELAND
NORWAY
SWEDEN
FINLAND
RUSSIA


a)
b)
c)


Barents Sea
Novaya Zemlya
Kara Sea
Yamal

Sergey Dostovalov
KARA SEA

Kara Sea
Moscow

Arctic Ocean
SEVERNAYA ZEMLYA
FRANZ JOSEF LAND
Norwegian Sea
Barents Sea
Kara Sea
NOVAYA ZEMLYA
Tromsø
NORWAY
Murmansk
RUSSIA

Kara Sea
Dikson
Bolshevik Nos
Mamontovy Kosa

Arctic Basin
Barents Sea
Laptev Sea
Kara Sea
250km
60°E
70°

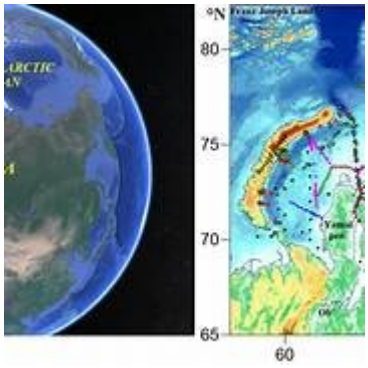
alamy

Islands in the
Kara Sea

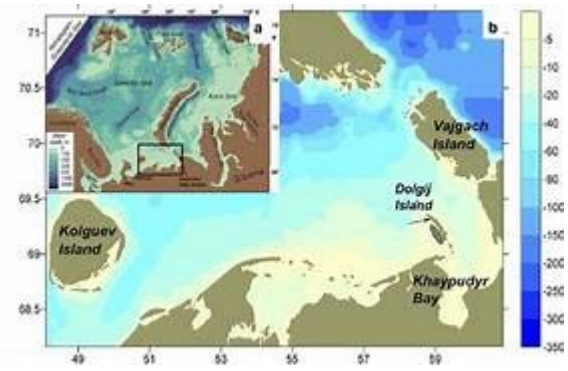
ARCTIC OCEAN
LAPTEV SEA
BARENTS SEA
KARA SEA

Barents
Sea
Kara
Sea
Novaya
Zemlya
Kara Strait
Dikson
RUSSIA
Gulf of Ob

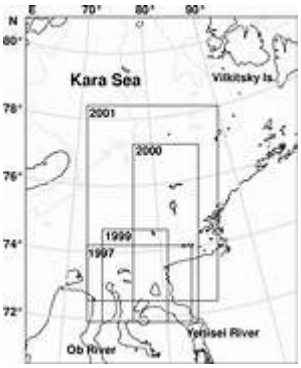
Barents
Sea
Kara Sea


°N
80
75
70
65
60

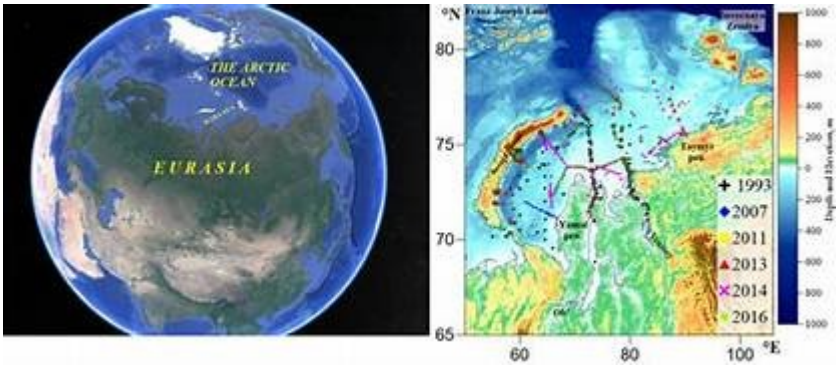
Kara Sea

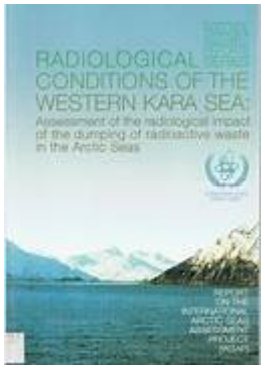

a
b
Vajgach Island
Dolgij Island
Kolguev Island
Khaypudyr Bay

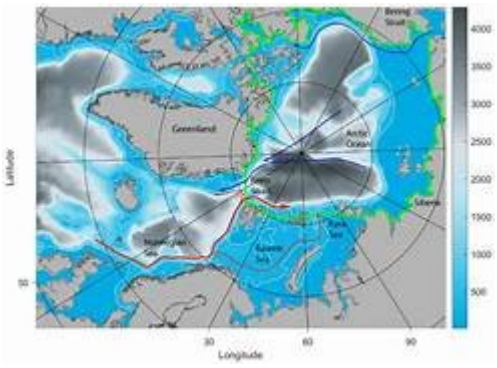
Kara Sea
Barents Sea
NOVAYA ZEMLYA
Oil and gas exploration area
Stepovogo Bay
YAMAL PENINSULA
RUSSIA
Dump sites
200km
100 miles
Source: NRPA, Rosneft


Kara Sea
Vilkitsky Is.
2001
2000
1999
1997
Ob River
Yenisei River

Arctic Ocean
Laptov Sea
Barents Sea
Kara Sea
Siberia
RUSSIA

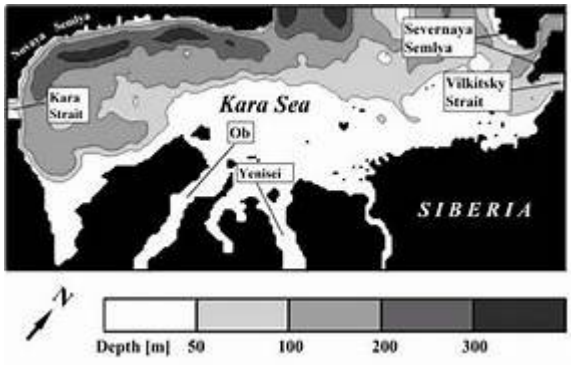

THE ARCTIC OCEAN
EURASIA
+ 1993
2007
2011
2013
2014
2016
60
80
100
°E


RADIOLOGICAL CONDITIONS OF THE WESTERN KARA SEA:
Assessment of the radiological impact of the dumping of radioactive waste in the Arctic Seas

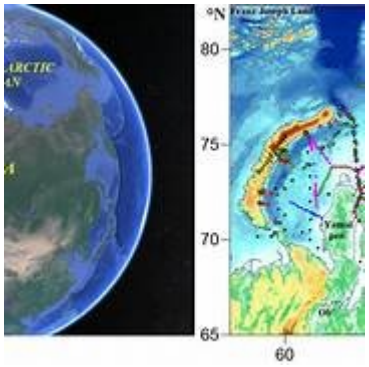

Latitude
Longitude
Greenland
Arctic Ocean
Siberia
4000
3500
3000
2500
2000
1500
1000
500

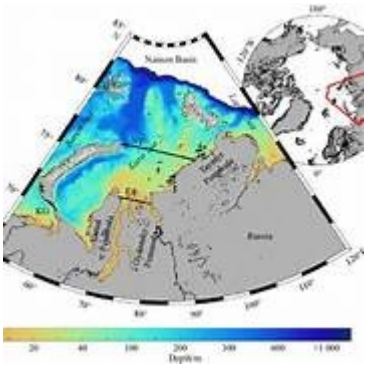
marineinsight.com
10
KARA SEA FACTS
YOU MUST KNOW

Ob River
Yamal Peninsula
Kara Sea

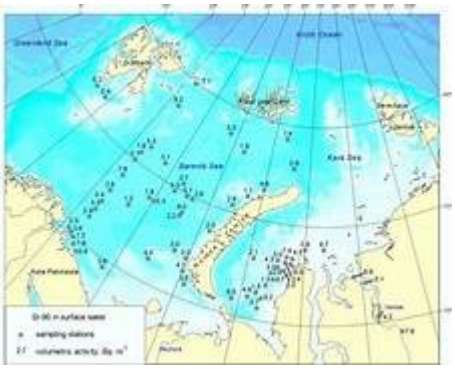

Severnaya Semlya
Kara Strait
Kara Sea
Vilkitsky Strait
Ob
Yenisei
SIBERIA
Depth [m] 50 100 200 300

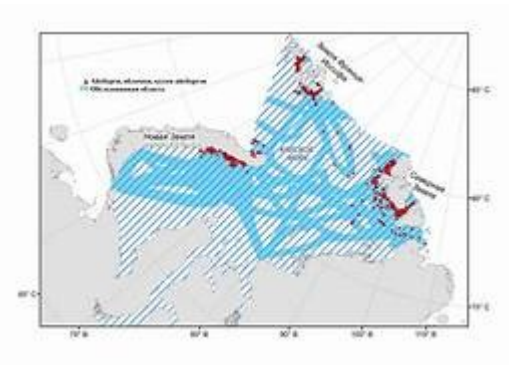
Kara Sea
Russia


°N
80
75
70
65
60

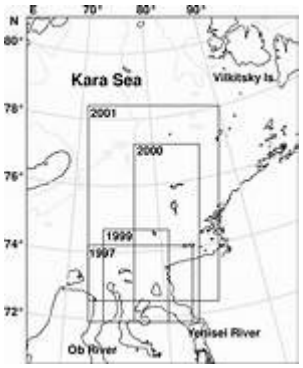


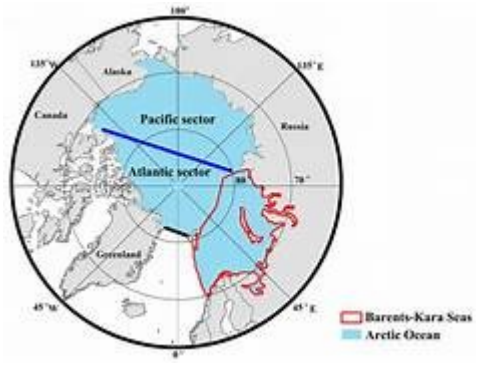
Kara Sea
Barents Sea





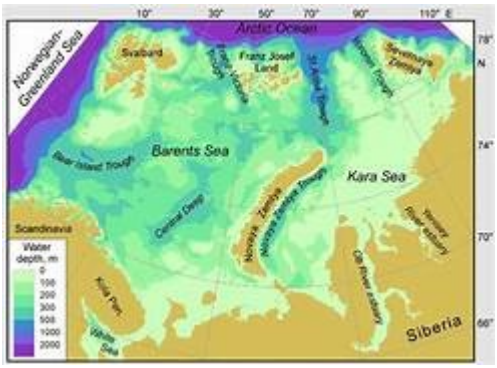
dreamstime.com


Kara Sea
Vilkitsky Is.
2001
2000
1999
1997
Ob River
Yenisei River


Alaska
Canada
Pacific sector
Russia
Atlantic sector
Greenland
Barents-Kara Seas
Arctic Ocean

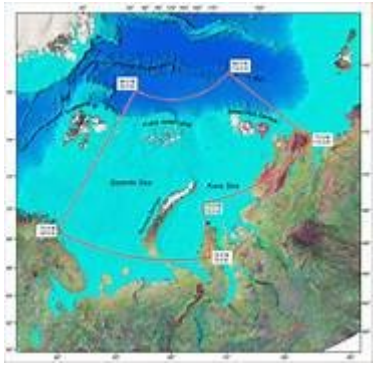
ARCTIC OCEAN
NOVAYA ZEMLYA
(RUSSIA)
KARA SEA
Severny Island
BARENTS SEA
Yuzhny Island
Yamal Peninsula
RUSSIA

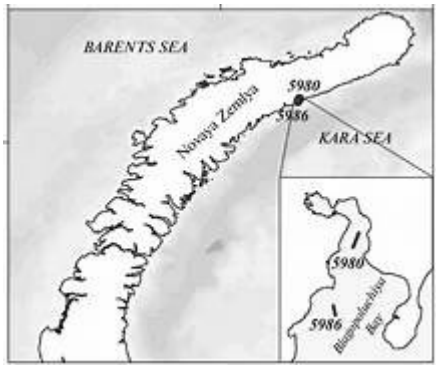
Kara Sea
Russia


Arctic Ocean
Norwegian-Greenland Sea
Svalbard
Franz Josef Land
Barents Sea
Kara Sea
Scandinavia
Siberia
Water depth, m
0
100
200
300
500
1000
2000

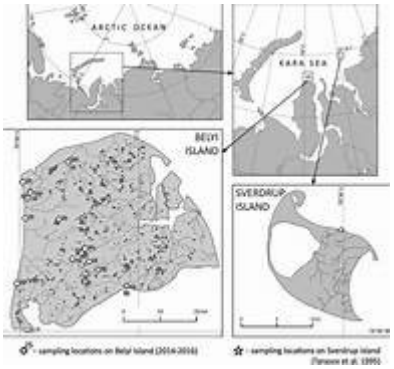
Islands in the Kara Sea

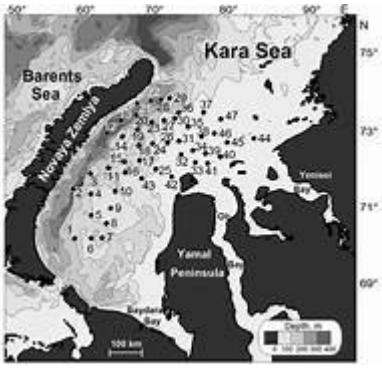
KARA SEA LME
PAME

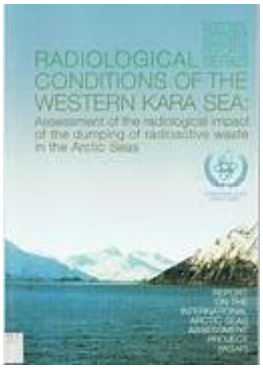



BARENTS SEA
Novaya Zemlya
5980
5986
KARA SEA
5980
5986
Blagopoluchiya Bay

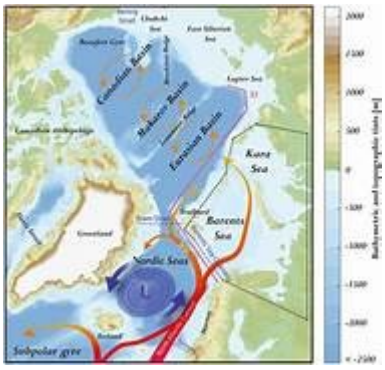
ARCTIC OCEAN
Severnaya Zemlya
LAPTEV SEA
Franz Josef Land
BARENTS SEA
KARA SEA
Yamal Pen.

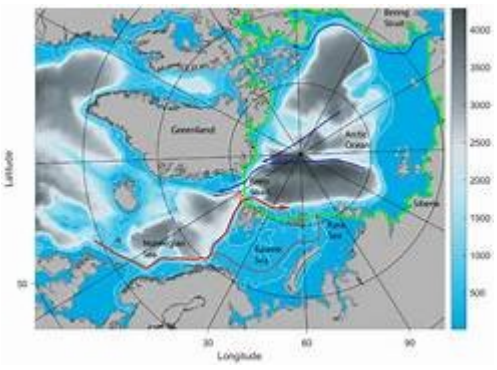

ARCTIC OCEAN
KARA SEA
BELYI ISLAND
SVERDRUP ISLAND

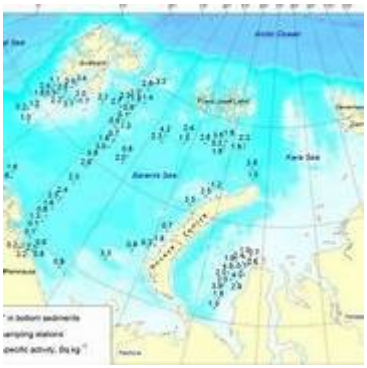

Kara Sea
Barents Sea
Novaya Zemlya
Yamal Peninsula
Baydaratskaya Bay
100 km
Depth, m


RADIOLOGICAL CONDITIONS OF THE WESTERN KARA SEA:
Assessment of the radiological impact of the dumping of radioactive waste in the Arctic Seas

BARENTS SEA
200m


Canadian Basin
Nansen Basin
Eurasian Basin
Kara Sea
Barents Sea
Nordic Seas
Greenland
Iceland
Subpolar gyre


Greenland
Arctic Ocean
Latitude
Longitude


Arctic Ocean
Kara Sea

Kara

Kara Sea

Arctic Ocean
Kara
Sea

Kara Sea

marineinsight.com
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KARA SEA FACTS
YOU MUST KNOW